Index of Claims

| Application/Control No. | Applicar<br>Reexam |
|-------------------------|--------------------|
|                         | Restain            |

10/604,532 Examiner

Philip J. Sobutka

Applicant(s)/Patent under Reexamination
YANG ET AL.
Art Unit

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= Allowed

| ı | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

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| Cla      | aim      | Date   |                 |          |          |          |          | Claim Date |                 |   |                        |          |                 | Cla      | Date    |                    |                 |          |          |        |           |            |          |                 |          |          |           |                |          |          |          |
|----------|----------|--|-----------------|----------|----------|----------|----------|------------|-----------------|---|------------------------|----------|-----------------|----------|---------|--------------------|-----------------|----------|----------|--------|-----------|------------|----------|-----------------|----------|----------|-----------|----------------|----------|----------|----------|
|          | <u>-</u> | 25   | Н               |          |          | ı        | - 1      |            |                 |   | _                      | व्य      |                 |          |         |                    | 1 1             |          |          |        | _         | च          |          |                 |          |          |           |                | : 1      |          | 1        |
| Final    | Original | 11/28/05   |                 |          |          |          |          |            |                 |   | Final                  | Original | li              |          |         |                    |                 |          |          |        | Final     | Original   |          |                 | l        |          |           |                | l        |          |          |
| "        | ō        | 7  |                 |          | 1        |          |          |            |                 |   | ш                      | ő        |                 |          |         |                    |                 |          |          |        | u,        | ō          |          |                 |          |          |           |                |          | ı        |          |
| -        | 1        | 1  | $\vdash$        | ┥        | -        | -        | $\dashv$ | $\dashv$   | -               | _ | $\vdash$               | 51       | $\vdash$        | +        | +       | +-                 | $\vdash$        | -        |          | -      |           |            | _        | $\dashv$        | $\dashv$ |          | -         |                | $\vdash$ | $\dashv$ | $\dashv$ |
|          | 2        | 1  | $\vdash$        | $\dashv$ | $\dashv$ | -        | -        | $\dashv$   | $\vdash$        | _ |                        | 52       | $\vdash$        | +        | +-      | +                  | $\vdash$        | +        |          | -      |           | 101<br>102 | -        | $\dashv$        | $\dashv$ | -        |           |                | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 3        | V  | $\vdash$        | $\dashv$ | $\dashv$ | -        | $\dashv$ |            | H               |   |                        | 53       | $\vdash$        | $\dashv$ | +       | +-                 | +               | +        | +        | -      |           | 103        |          | -               | $\dashv$ | $\dashv$ | $\dashv$  | -              | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 4        | V  | $\vdash$        | $\dashv$ | $\dashv$ | 一        | $\dashv$ | $\neg$     | $\vdash$        |   |                        | 54       | H               | +        | ╅       | ╁                  | +               | _        | +        | ┧Ш     |           | 104        |          | $\vdash$        | $\dashv$ | $\dashv$ | -         |                | $\dashv$ | $\dashv$ | $\dashv$ |
| _        | 5        | V  | H               |          | $\dashv$ | 7        | ヿ        | $\dashv$   | $\vdash$        |   |                        | 55       | $\vdash$        | _        | +       | +                  | $\Box$          |          | $\dashv$ | 1      |           | 105        | Н        | -               | $\neg$   | $\neg$   | $\neg$    |                | $\dashv$ | ┪        | ᅱ        |
|          | 6        | 1  | $\Box$          |          | $\neg$   | T        | $\neg$   | _          | $\sqcap$        |   |                        | 56       | П               | $\dashv$ | $\neg$  | 1                  |                 |          | $\top$   | 1      |           | 106        |          |                 | $\neg$   | $\neg$   |           |                | 一        | 寸        | ᅥ        |
|          | 7        | 1  |                 |          |          |          |          |            |                 |   |                        | 57       | П               |          | $\top$  | $\top$             |                 |          |          | 1      |           | 107        |          | $\Box$          |          |          |           |                | П        | ヿ        | $\neg$   |
|          | 8        | 1  |                 |          |          |          |          |            |                 |   |                        | 58       |                 |          |         |                    |                 |          |          |        |           | 108        |          |                 |          |          |           |                |          |          |          |
|          | 9        | 1  | Ш               |          |          |          |          |            |                 |   |                        | 59       |                 |          | $\perp$ |                    |                 |          |          |        |           | 109        |          |                 |          |          |           |                | Ш        |          |          |
|          | 10       | ٧  | Ш               |          | $\perp$  | _        | _        | _          | $\Box$          |   |                        | 60       | Ц               | _        | $\perp$ |                    |                 |          |          | ]      |           | 110        |          |                 | _        | $\Box$   |           |                | $\sqcup$ | $\Box$   | _        |
| <u> </u> | 11       | ٧  | $\sqcup$        | _        | $\perp$  | _        | _        |            | dash            |   | <u> </u>               | 61       | Щ               | $\dashv$ | _       | $\bot$             | $\sqcup$        | _        | $\perp$  | 4      |           | 111        | $\sqcup$ | Ш               |          |          | Щ         | Ш              | ot       | _        |          |
|          | 12       | <b>—</b>   | $\vdash$        | _        |          | _        | _        | _          | $\vdash \vdash$ |   | $\vdash$               | 62       | $\vdash \vdash$ | $\dashv$ | +       | +                  |                 | -        |          | 4      |           | 112        |          | $\square$       | _        | _        |           |                | $\dashv$ |          |          |
| <u> </u> | 13<br>14 | ├  | $\vdash \vdash$ | -        | $\dashv$ | -        | $\dashv$ |            | $\vdash \vdash$ |   | <del>  </del>          | 63       | $\vdash \vdash$ | +        | +       | +-                 | +               | $\dashv$ | -        | -      |           | 113        | $\vdash$ | $\vdash \vdash$ | -        | $\dashv$ |           | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$ |
| _        | 15       | ⊢  | ┝┤              | -        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | $\vdash \vdash$ |   | $\vdash\vdash\vdash$   | 64<br>65 | ┝╌┤             |          | +       | ╁                  | $\vdash$        | $\dashv$ |          | -      |           | 114<br>115 | -        | $\vdash$        | $\dashv$ | -        | _         | Н              | $\dashv$ |          | $\dashv$ |
|          | 16       | $\vdash$   | $\vdash \vdash$ |          | $\dashv$ | $\dashv$ | $\dashv$ | -          | $\vdash \vdash$ |   |                        | 66       | $\vdash \vdash$ |          | ╫       | +                  | +               | $\dashv$ | - -      | 1      |           | 116        | $\vdash$ | $\vdash$        | $\dashv$ |          | $\vdash$  | H              | $\dashv$ |          | $\dashv$ |
|          | 17       | $\vdash$   | $\vdash \vdash$ |          | $\dashv$ | ᅥ        | ᅱ        | -          | $\vdash$        | _ | $\vdash$               | 67       | -               | +        | +       | +                  | $\vdash$        | $\vdash$ | +        | 1      |           | 117        | -        | $\vdash$        | -        | $\dashv$ |           | H              | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u> | 18       | H  |                 |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$   | Н               |   | Н                      | 68       | $\vdash$        | $\dashv$ | +       | +                  | +-              | $\vdash$ | +        | 1      | <b></b> - | 118        |          | H               | -        | $\dashv$ | =         | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 19       | T  |                 |          | $\dashv$ | $\neg$   | $\neg$   | $\neg$     | П               |   |                        | 69       | $\Box$          | 7        | ╅       | +                  | $\Box$          |          | $\top$   | 1      |           | 119        |          | H               |          |          |           |                | $\dashv$ | 寸        | ᅥ        |
|          | 20       |  | H               |          |          | 寸        | ᅵ        |            | П               |   |                        | 70       | $\Box$          | $\top$   | 十       | $\top$             | П               |          | $\neg$   | 1      |           | 120        |          | Н               |          |          |           |                | 一        | 一        | $\neg$   |
|          | 21       |  |                 |          |          |          |          |            |                 |   |                        | 71       | П               | T        |         |                    |                 |          |          | 1      |           | 121        |          |                 |          |          |           |                | 一        | ヿ        | ᄀ        |
|          | 22       |  |                 |          |          |          |          |            |                 |   |                        | 72       |                 |          |         |                    |                 |          |          |        |           | 122        |          |                 |          |          |           |                | П        | コ        | $\neg$   |
|          | 23       |  | Ш               |          |          |          |          | $\Box$     | $\Box$          |   |                        | 73       |                 |          |         |                    |                 |          |          |        |           | 123        |          |                 |          |          |           |                |          |          |          |
|          | 24       |  | Ш               | _        |          | _        |          |            | Ш               |   |                        | 74       | Ш               | $\perp$  |         | <u> </u>           | Ш               |          |          |        |           | 124        |          |                 |          |          |           |                |          |          |          |
|          | 25       | L  | Ш               | _        |          |          | _        |            |                 |   |                        | 75       | Ш               | _        | $\perp$ |                    | Ш               | $\Box$   |          | _      |           | 125        |          |                 |          |          |           |                | Ш        |          | _        |
|          | 26       |  | $\vdash$        | $\dashv$ | $\dashv$ | -        | $\dashv$ | 4          | $\vdash$        |   |                        | 76       | Н               |          |         |                    | $\vdash$        | _        | _        | 4      |           | 126        |          | Ш               |          | $\Box$   | $\Box$    |                | $\dashv$ | _        | ᅴ        |
|          | 27       | _  | $\vdash$        | _        |          |          | $\dashv$ |            | Н               |   |                        | 77       | $\vdash \vdash$ | -        | -       | +                  | $\vdash$        | $\dashv$ | _        | -      |           | 127        |          | Н               |          |          | _         | $\blacksquare$ | $\dashv$ | $\dashv$ | ᅴ        |
|          | 28<br>29 | _  | -               | $\dashv$ | $\dashv$ | $\dashv$ | -        |            | Н               |   |                        | 78<br>79 | $\vdash$        | +        | +       | +                  | $\vdash$        | $\dashv$ |          | 4      |           | 128<br>129 |          |                 | $\dashv$ |          | _         | _              | $\dashv$ | $\dashv$ | $\dashv$ |
| ├─       | 30       | -  | $\vdash$        | $\dashv$ | +        |          |          | $\dashv$   | Н               |   |                        | 80       | Н               | +        | ╁       | +-                 | $\vdash$        | $\dashv$ | +        | -      |           | 130        | -        | Н               | -        |          | -         | _              | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 31       | -  | $\vdash$        | $\dashv$ | -        | _        | $\dashv$ | $\dashv$   | Н               | _ |                        | 81       | $\vdash$        | $\dashv$ | ╅       | +                  | +               | +        | +        | -      |           | 131        | -        | $\vdash$        | -        | $\dashv$ | -         | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 32       | <del>                                     </del> | $\vdash$        |          | $\dashv$ | 1        | $\dashv$ | $\dashv$   | $\vdash$        |   | H                      | 82       | $\vdash$        | $\dashv$ | +       | +                  | $\vdash$        |          | $\dashv$ | 1      |           | 132        |          | $\vdash$        |          | $\dashv$ | -         | Н              | $\dashv$ | $\dashv$ | $\dashv$ |
|          | 33       | Г  | $\sqcap$        |          | $\dashv$ |          | $\neg$   |            | $\dashv$        | _ | $\vdash$               | 83       |                 | 十        | +       | +                  | Н               | $\dashv$ | $\top$   | 1      |           | 133        | $\vdash$ | $\vdash$        | $\neg$   |          |           |                | $\sqcap$ | $\dashv$ | ᅱ        |
|          | 34       |  |                 |          | 寸        |          | ╛        |            |                 |   |                        | 84       |                 | 十        | _ _     | 1                  | $\sqcap$        | $\dashv$ | $\neg$   | 1      |           | 134        | П        | $\Box$          | $\dashv$ | $\neg$   |           |                | $\sqcap$ | $\dashv$ | $\neg$   |
|          | 35       |  | $\Box$          |          |          | ╗        |          |            |                 |   |                        | 85       |                 |          | I       | $oxed{\mathbb{L}}$ |                 |          |          |        |           | 135        |          |                 |          |          |           |                |          |          |          |
|          | 36       | L  | Ш               |          | $\Box$   | $\Box$   | $\Box$   | $\Box$     | Ш               |   |                        | 86       | П               | $\bot$   | $\Box$  |                    |                 |          |          |        |           | 136        |          |                 |          |          |           |                |          |          |          |
|          | 37       | <u> </u>   | $\sqcup$        | _        | _        | _        | _        | _          | Щ               |   | igsqcup                | 87       | Ш               | $\perp$  |         | _                  | $\sqcup$        |          |          |        |           | 137        |          | $\Box$          |          |          |           |                | $\Box$   | $\Box$   |          |
|          | 38       | ₩  | $\sqcup$        | _        | $\dashv$ | 4        |          | _          | $\square$       |   | igsqcup                | 88       | $\sqcup$        | $\dashv$ | _ _     | $\bot$             | $\sqcup$        | $\perp$  | $\bot$   | 4      |           | 138        | _        | $\sqcup$        | _        |          | Щ         | Ш              | $\sqcup$ | _        | _        |
|          | 39       | $\vdash$   | $\vdash \vdash$ | 4        | $\dashv$ | 4        |          | $\dashv$   | $\vdash \vdash$ |   | $\vdash \vdash$        | 89       | $\vdash \vdash$ | +        | +       | +                  | $\vdash \vdash$ | $\vdash$ | +        | 4      |           | 139        | -        | $\sqcup$        | =        |          | _         | Щ              | $\dashv$ | 4        | ᆜ        |
| <u> </u> | 40<br>41 | <u> </u>   | ⊢┼              | $\dashv$ | $\dashv$ | 4        | -        | $\dashv$   | $\vdash \vdash$ | - | $\vdash \vdash \vdash$ | 90       | $\vdash \vdash$ | +        | +       | +-                 | +               | $\dashv$ | -        | 4      | <u> </u>  | 140        | <b> </b> | $\vdash \vdash$ | $\Box$   |          | $\square$ | Ш              | $\vdash$ |          | 4        |
|          | 41       | $\vdash$   | ┝╌┼             | -        | $\dashv$ | $\dashv$ | $\dashv$ |            | $\vdash \vdash$ |   | $\vdash \vdash$        | 91<br>92 | $\vdash$        | -+       | +       | +-                 | +               | $\dashv$ | +        | -      | <u> </u>  | 141<br>142 | $\vdash$ | $\vdash$        | -        | _        | $\dashv$  | Н              |          |          |          |
|          | 43       | $\vdash$   | $\vdash$        | -        | $\dashv$ | -        | $\dashv$ | $\dashv$   | $\vdash$        |   | $\vdash$               | 93       | $\vdash$        | +        | +       | +                  | +               | +        | +        | -      |           | 143        | $\vdash$ | $\vdash$        | -        |          | $\vdash$  | Н              | $\dashv$ | $\dashv$ | ᅴ        |
|          | 44       |  | +               | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |            | -               | _ | $\vdash \vdash \vdash$ | 94       | $\vdash$        | $\dashv$ | +       | +                  | H               | $\dashv$ | +        | 1      |           | 144        | $\vdash$ | $\vdash$        | -        | $\dashv$ | $\vdash$  | Н              | $\dashv$ | $\dashv$ | ᅱ        |
|          | 45       | $\vdash$   | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |            | $\vdash$        |   |                        | 95       | $\vdash$        | +        | +       | +                  | $\vdash$        | $\dashv$ | +        | 1      |           | 145        | $\vdash$ | H               | $\dashv$ | $\dashv$ | $\vdash$  | Н              | $\dashv$ | $\dashv$ | ᅱ        |
|          | 46       |  | $\sqcap$        | $\dashv$ | $\dashv$ | $\dashv$ | ┪        |            | $\Box$          |   | М                      | 96       | $\vdash$        | $\dashv$ | +       | $\top$             | Н               | $\dashv$ | +        | 1      |           | 146        |          |                 |          |          |           | Н              | $\dashv$ | $\dashv$ | ᅱ        |
|          | 47       |  |                 |          | 一        |          |          |            | $\Box$          |   |                        | 97       |                 | $\top$   | $\top$  |                    | П               | $\dashv$ | $\neg$   |        |           | 147        |          | $\Box$          | $\neg$   |          |           |                | $\sqcap$ | $\dashv$ | ᅥ        |
|          | 48       |  |                 |          |          |          |          |            |                 |   |                        | 98       |                 |          |         |                    |                 |          |          | ]      |           | 148        |          |                 |          |          |           |                |          | 寸        | $\neg$   |
|          | 49       |  | Ш               | $\Box$   |          | $\Box$   |          |            |                 |   |                        | 99       |                 | I        | I       | Ι                  |                 |          |          |        |           | 149        |          |                 |          |          |           |                |          |          | $\Box$   |
|          | 50       |  | Щ               |          |          |          | j        |            | لـــا           |   |                        | 100      | Ш               |          |         | 1_                 | Ш               | $\Box$   |          | ]!!!![ |           | 150        |          | $\Box$          | $\Box$   | ]        |           |                | $\Box$   |          | _]       |